

**PRELIMINARY AMENDMENT**  
U.S. Appln. No.: Reissue of U.S. Patent No. 5,920,530

**REMARKS**

Entry and consideration of this Amendment is respectfully requested.

Applicants hereby authorize any required unpaid fee, except for the Issue Fee, to be charged to Deposit Account No. 19-4880.

Respectfully submitted,

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

**Claims 5 - 9 are added as new claims.**

1. (Revised) An information data recording apparatus for recording information data on an information recording medium having pre-pits which are formed at periodic intervals having a period that is  $m$ ,  $m$  being an integer, times as large a unit period in accordance with pre-information recorded at an interval which deviates from said periodic intervals by an interval that is  $k$ ,  $k$  being an integer, where  $k < m$ , times said unit period in accordance with recording positions, said apparatus comprising:

a unit [period] length signal generator which generates a periodic signal of [said] a unit [period] length;

a memory for temporarily storing said information data in synchronism with said periodic signal from said unit [period] length signal generator and supplying said information data in synchronism with a clock signal;

a pre-pit signal reproducing circuit for detecting said pre-pits from said recording medium and generating a pre-pit signal;

a phase-locked loop circuit for generating said clock signal which is phase-locked with a jitter component contained in said pre-pit signal; and

a recording means for recording said information data supplied from said memory on said recording medium.

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--5. (New) An information data recording apparatus as claimed in claim 1, wherein said unit length corresponds to a bit interval that is specified by a recording format used for recording the information data.

6. (New) An information data recording apparatus as claimed in claim 1, wherein said unit period is a sync frame.

7. (New) An information data recording apparatus as claimed in claim 6, wherein said sync frame has a length which is 1488 times the unit length.

8. (New) An information data recording apparatus for recording information data on an information recording medium having pre-pits which are formed at predetermined periodic intervals, said apparatus comprising:

a memory which temporarily stores said information data to be recorded on the information recording medium and supplies said information data in synchronism with a clock signal;

a pre-pit signal reproducing circuit which detects said pre-pits from said recording medium and generates a pre-pit signal;

a phase-locked loop circuit which generates said clock signal which is phase-locked with a jitter component contained in said pre-pit signal; and

a recording device which records said information data supplied from said memory on said recording medium.

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9. (New) A method for recording information data on an information recording medium having pre-pits which are formed at predetermined periodic intervals, said methods comprising the steps of:

temporarily storing said information data to be recorded on the information recording medium and supplying said information data in synchronism with a clock signal;

detecting said pre-pits from said recording medium and generating a pre-pit signal;  
generating said clock signal which is phase-locked with a jitter component contained in said pre-pit signal; and

recording said information data supplied from said memory on said recording medium.--